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DATE 12/1/04

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Certificate  
DEC 14 2004  
of Correction

Arlen B. Soderquist

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Arlen Soderquist :  
Group Art Unit: 1743 :  
In re application of :  
Howard M. Kingston : SPECIATED ISOTOPE DILUTION MASS  
Serial No.: 09/015,469 : SPECTROMETRY OF REACTIVE SPECIES  
Filed: January 29, 1998 : AND RELATED METHODS  
Patent No. 6,790,673 B1 :  
Issued: September 14, 2004 :  
ATTORNEY DOCKET: 049450-00095

LETTER

600 Grant St., 44th Floor  
Pittsburgh, PA 15219  
December 1, 2004

Commissioner for Patents  
United States Patent & Trademark Office  
Attention: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In comparing the above-identified original patent document with the original  
papers filed in the Patent and Trademark Office, we have noted twenty (20) errors  
which were the printer's error.

14 DEC 2004

It is respectfully requested that a Certificate of Correction be issued to correct  
these printing errors in the above-identified patent.

Respectfully submitted,



Arnold B. Silverman  
Registration No. 22,614  
Attorney for Applicant

(412) 566-2077

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,790,673 *B1*

DATED : September 14, 2004

INVENTOR(S) : Howard M. Kingston

It is certified that errors appear in the above-identified patent and that said Letters Patent should be corrected as shown below:

Col. 13, line 33 " $R_{50/52}^{III}$ ", should read -- $R_{50/52}^{III}$ --.

Col. 13, line 35 " $R_{53/52}^{III}$ ", should read -- $R_{53/52}^{III}$ --.

Col. 13, line 35, " $^{53}C$ " should read -- $^{53}Cr$ --.

Col. 13, line 37, " $R_{50/52}^{VI}$ " should read -- $R_{50/52}^{VI}$ --.

Col. 13, line 39, " $R_{53/52}^{VI}$ " should read -- $R_{53/52}^{VI}$ --.

Col. 14, line 5 " $R_{50/52}^{III}$ " should read -- $R_{50/52}^{III}$ --.

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**MAILING ADDRESS OF SENDER:**

Sally Novosel, Docket Administrator  
ECKERT SEAMANS CHERIN & MELLOTT, LLC  
600 Grant Street, 44th Floor  
Pittsburgh, PA 15219

**PATENT NO. 6,788,067**

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,790,673 *B1*

DATED : September 14, 2004

INVENTOR(S) : Howard M. Kingston

It is certified that errors appear in the above-identified patent and that said Letters Patent should be corrected as shown below:

Col. 14, line 7, " $R_{50/52}^{III}$ " should read -- $R_{50/52}^{III}$ --.

Col. 14, line 13, " $(R_{50/52}^{III} A_s^{III+50}$

$A_s^{III} (N_s^{III})^{1-a})$ ", should read -- $(R_{50/52}^{III} A_s^{III+50} A_s^{III} N_s^{III})^{1-a}$ --.

Col. 14, line 15-32, " $(1-a)(R_{53/52}^{III} A_x^{-53}$

$A_x) N_x^{III} + [R_{53/52}^{III} ($

$A_x N_x^{VI} + A_s^{VI}$ ", should read -- $(1-a)(R_{53/52}^{III} A_x^{-53} A_x) N_x^{III} + [R_{53/52}^{III}$

$(A_x N_x^{VI} + A_s^{VI})$ --.

Col. 14, line 35, " $+ A_s N_s^{VI}) \beta =$ ", should read -- $+ A_s^{VI} N_s^{VI}) \beta =$ --

Col. 14, line 36-37, " $(R_{53/52}^{III} A_s^{III+53}$

$A_s^{III})$ ", should read -- $(R_{53/52}^{III} A_s^{III+53} A_s^{III})$ --.

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**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,790,673 *B1*

DATED : September 14, 2004

INVENTOR(S) : Howard M. Kingston

It is certified that errors appear in the above-identified patent and that said Letters Patent should be corrected as shown below:

Col. 14, lines 56-59, “(1- $\beta$ ) (R<sub>50/52</sub><sup>V152</sup> A<sub>x</sub><sup>-50</sup>

A<sub>x</sub>) N<sub>x</sub><sup>V1</sup> + [R<sub>50/52</sub><sup>V1</sup> (

A<sub>x</sub> N<sub>x</sub><sup>III</sup> +<sup>52</sup> A<sub>s</sub><sup>III</sup> N<sub>s</sub><sup>III</sup> ) - ( <sup>50</sup> A<sub>x</sub> N<sub>x</sub><sup>III</sup> +<sup>50</sup> A<sub>s</sub> N<sub>s</sub><sup>III</sup> ) ” should read

--1- $\beta$ ) (R<sub>50/52</sub><sup>V1</sup> <sup>52</sup> A<sub>x</sub><sup>-50</sup> A<sub>x</sub>) N<sub>x</sub><sup>V1</sup> + [R<sub>50/52</sub><sup>V1</sup> ( <sup>52</sup> A<sub>x</sub> N<sub>x</sub><sup>III</sup> +<sup>52</sup> A<sub>s</sub> N<sub>s</sub><sup>III</sup> ) --.

Col. 14, lines 62-68, “(R<sub>50/52</sub><sup>V152</sup> A<sub>s</sub><sup>V1</sup>

+<sup>50</sup> A<sub>s</sub><sup>V1</sup> ( N<sub>s</sub><sup>V1</sup> ) 1- $\beta$  )

(1- $\beta$ ) (R<sub>53/52</sub><sup>V152</sup> A<sub>x</sub>

-<sup>53</sup> A<sub>x</sub>) N<sub>x</sub><sup>V1</sup> + [R<sub>53/52</sub><sup>V11</sup> ”,

should read --(R<sub>50/52</sub><sup>V1</sup> <sup>52</sup> A<sub>s</sub><sup>V1</sup> +<sup>50</sup> A<sub>s</sub>) N<sub>s</sub><sup>V1</sup> (1- $\beta$ ) --

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,790,673 *61*

DATED : September 14, 2004

INVENTOR(S) : Howard M. Kingston

It is certified that errors appear in the above-identified patent and that said Letters Patent should be corrected as shown below:

Col. 15, lines 6-7, " $(R_{53/52})^{V152} A_s^{V1+53}$

$A_s^{V1} N_s^{V1} (1-\beta)$ " should read  $-(R_{53/52})^{52} A_s^{V1+53} A_s^{V1})$

$N_s^{V1} (1-\beta) --$ .

Col. 15, line 34, "Rottnanm" should read --Rottmann--.

Col. 19, line 6, replace the ":" prior to 9H<sub>2</sub>O with a --●--.

Col. 19, line 8, "<sup>50</sup>CR(M)" should read --<sup>50</sup>CR(III)--.

Col. 20, line 53, "Acia" should read --Acta--.

Col. 25, Table 4, second line, "Total Cr" should read--Total Cr--.

Col. 30, line 30, line 27, Cr(RI) should read --Cr(III)--.

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